Yingqing Guo

List of Publications by Year
in descending order

20 papers	**153** citations	1478505 **6** h-index	1474206 **9** g-index
20 all docs	**20** docs citations	**20** times ranked	**142** citing authors

#	Article	IF	Citations
1	Long short-term memory neural network based fault detection and isolation for electro-mechanical actuators. Neurocomputing, 2019, 360, 85-96.	5.9	72
2	Takagi-Sugeno fuzzy model identification for turbofan aero-engines with guaranteed stability. Chinese Journal of Aeronautics, 2018, 31, 1206-1214.	5.3	20
3	Fault Detection for Aircraft Turbofan Engine Using a Modified Moving Window KPCA. IEEE Access, 2020, 8, 166541-166552.	4.2	18
4	Configuration Optimization and Performance Comparison of STHX-DDB and STHX-SB by A Multi-Objective Genetic Algorithm. Energies, 2019, 12, 1794.	3.1	7
5	One Convenient Method to Calculate Performance and Optimize Configuration for Annular Radiator Using Heat Transfer Unit Simulation. Energies, 2020, 13, 271.	3.1	7
6	Networked Control System Design for Turbofan Aeroengines with Aging and Deterioration. Complexity, 2018, 2018, 1-13.	1.6	6
7	Theoretical and Experimental Study on Wide Range Optical Fiber Turbine Flow Sensor. Sensors, 2016, 16, 1095.	3.8	5
8	Aero-Engine Robust H(infinity) Loop-Shaping Controller Design Based on Genetic Algorithm. , 2008, , .		4
9	State Feedback Control for Partially Distributed Turboshaft Engine with Time Delay and Packet Dropouts. , 2018, , .		4
10	Modeling of Aeroengine Hydro-Mechanical Controller and Analyzing of the Control System Performance. , 2009, , .		2
11	Performance calculation and configuration optimization of annular radiator by heat transfer unit simulation and a multi-objective genetic algorithm. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2021, 235, 1292-1303.	2.5	2
12	Networked guaranteed cost control for turbofan aero-engines. , 2017, , .		1
13	Sensor Fault Diagnosis and Estimation Based on Multiple-Model Approach for Aeroengine. , 2018, , .		1
14	Versatile Simulation Platform for Turboshaft Engine Control System. , 2019, , .		1
15	Guaranteed Cost Controller Design for Distributed Engine Control System with Multiple Delay and Packet Losses. , 2020, , .		1
16	Main fuel pump health monitoring method based on Kriging surrogate model. , 2019, , .		1
17	Multiple Delay-Dependent Guaranteed Cost Control for Distributed Engine Control Systems with Aging and Deterioration. Aerospace, 2022, 9, 88.	2.2	1
18	Application of Fuzzy Neural Network to Aero-Engine Controller Design. , 2009, , .		0

#	Article	IF	Citations
19	Multivariable Control Coupling Analysis and ALQR Thrust Controller Design of Liquid Rocket Engine. , 2021, , .		0
20	Modeling and Simulation of Parallel TBCC Aircraft/Engine Integrated System. , 2020, , .		0